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DARK'S FLORAL MAGAZINE

Vol LVII. No.2.
Established 1871.

February, 1921.

10 cents a year
3 years for 25 ets

Here are Sweet Peas, on tiptoe for a flight:
With wings of gentle flush o'er delicate white,
And taper fingers catching at all things,
To find them all about with tiny wings.

—Keats.



12 Gloriously Beautiful GLADIOLUS 25c

With a Year's Subscription.

Once more we come to you with our Annual Offer of Gladiolus, and our friends know we make a sort of gift collection of Gladiolus to secure a great lot of renewal and new subscriptions in the spring. We have an unusually fine lot of Bulbs grown right here, good, sound, firm bulbs, best blooming size, in perfect condition, and of a choice assortment of varieties, colors and markings. We send 12 of these choice bulbs postpaid, and a year's subscription to the Floral Magazine, for only 25 cents.

5 Collections, 60 Bulbs and 5 Subscriptions, \$1, postpaid.

This is a grand, good, liberal offer, and we hope our friends will respond with their usual pleasing club.

Address, PARKS FLORAL MAGAZINE, Lapark, Pa.

PARK'S FLORAL MAGAZINE

A MONTHLY DEVOTED TO FLOWERS

LAPARK SEED AND PLANT COMPANY, Inc., Publishers

LAPARK, - PENN'A.

Entered at Lapark, a. P. O. as 2nd-class Mail Matter.

M. M. Hersh, Director of Circulation

PUBLISHER'S NOTES.

OUR EDITOR QUITE ILL

Our readers will miss, in the Magazine for this month, that personal touch which Mr. Eddy imparts to everything with which he has any connection, on account of his rather serious illness. But his physician feels, that with care and watchful treatment for a few weeks, he will again be at his desk ready to continue his editorial work and correspondence.

THANK YOU ALL VERY MUCH

In the emergency the General Manager, Mr. J. G. Fisher, had to transform himself into Editor and has done the best he could under the circumstances. Thanks to the prompt response of those who have contributed to the Magazine during the last two or three months, he had plenty of material, and splendid material, too, and even though the Magazine is without Mr. Eddy's magnetic touch, we trust it will be found readable, interesting and helpful.

“QUESTIONS AND ANSWERS”

At one time it was impossible to find room in the Magazine for all the “Questions and Answers,” and this rather discouraged subscribers asking questions to which they did not receive prompt answers. When we took over the property we adopted the practice of answering all questions by letter that could not be crowded into a reasonably early number of the Magazine. We desire to revive this particular department and to make it a very strong feature of the Magazine. The Floragrams are interesting and helpful, but they do not in any way make up for, or interfere with, the “Questions and Answers” department. So please send in your questions, tell us your difficulties, and we will promptly try to aid you.

FLORAL FRIEND'S CORNER

There have been several requests that the General Manager join the Floral Friend's Corner, and take a cup of tea with Chrysanthemum, Azalea, Coreopsis, Anthemis, Brachycome, Gaillardia, Pyrethrum, Shasta Daisy, and all the rest of the beautiful, interesting, and happy family, and that he write a letter every little while telling of some of his Floral problems. To tell the truth, it had not occurred to him, but as Editor for this month I can say that he certainly considers it a privilege and a pleasure to be invited and will apply for admission in an early number of the Magazine, or as soon as he has closed the last page of the 1921 Floral Guide, which is very large this year, and has involved months of time and application. And, too, he must think of some flower that would be his choice as a Nom de Plume.

Perhaps, too, I could persuade Benny Bowers with whom you have become familiar through the January Magazine, and Mr. Scott who affords us part of his time with the flowers, and Mr. Sharp, who prints the Magazine, and his “side partner,” Mr. Hershey, and even others

who help to “turn out” the Magazine for you, to join the band and contribute at least the letter that is a necessary initiation.

Editor, I hope, for Only This Month.

P. S.—I wonder if I might not persuade the President of the Company, the Secretary, and the Treasurer, and more of the Directors also to apply for admission. We are all working for the extension of the growing of Flowers, and are publishing the Magazine to help home growers in their difficulties, and if you would like us all to join the “Corner” I will be very glad to deliver the message personally to each one, and urge his acceptance.

GARDEN PLANNING FOR THE NEW YEAR

Everywhere from many of our thousands of readers scattered throughout the country, comes the same story: “Our present winter is a mild and gentle tempered season.” Usually by the middle of February we have experienced our severest winter snows, and freezes, and we begin to look forward to the near approach of spring.

The Catalogues at this time of year flock in upon us somewhat earlier than the first blithely chirping robins, but with such a burst of varied and brilliant color as to rouse us from winter reverie to a realization that seed and planting time will soon be at hand. What a treat it is to go over the Catalogues! Our first impulse is to order everything from cover to cover. All of the offers charm and delight. We take pencil and paper and roughly sketch an outline of the house and garden, or yard, and begin to plan and plan. It is as good fun as any we have in the year. We make resolutions that this year will be the most successful of any in our garden experience. This year we are going to have our own fresh, unwilted Vegetables, directly from our own patches. This year our flower gardens will blossom with Annuals with Perennials, and with Bulbs and Shrub as never before. So we list and erase and substitute and discuss in the family the garden seed requirements and every one enjoys the ‘order making time,’ though the actual task of carefully writing the items usually falls to the lot of the member of the family who throughout the garden season is most faithful to the resolutions made when the Catalogues are thumbed over and digested.

Nothing is more dispiriting after we have made good plans and good seed bed and soil preparation, to find our seeds fail to germinate. So we will guard against this possibility by placing our orders with long established, reliable Seed and Plant dealers. We will not be led astray by enticing appeals made by those with whom we are not acquainted. We know that the long established seedsmen have built up their patronage because customers have found that they are reliable and year after year place their orders with confidence and satisfaction.

Good seeds, true to name and of high germination test quality are prime factors, helping to insure success with our garden plans.

(Continued on page 48)

A JOURNEY TOWARD THE SUN.

Far down the round and reddened sun descending,

Mirroring beams to play in golden haze,
Foretells in summer twilight day is ending
As plays on saffron seas translucent rays;
And there beyond the shimmering, restful river
The tops of fir trees etch their quaint design,
With soft blue sky for background as they quiver;

Jack Frost could picture such a touch divine.
And now the mellow light pours forth around me,

While ghostly thistle floats with scarlet rose;
Secure my feet as nature's work surround;
And quicker comes the breeze in gusty blows:
And here true happiness for once has found me—

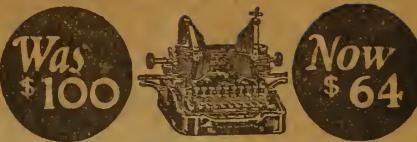
I journey toward the sun—my gift to know.

E. G. Banks, 165 Edgecombe Ave., New York City.

FLORAL FRIENDS CORNER.

DEAR FRIENDS! A Happy New Year to all. What a success the December number was, with all the new guests, the grand poems and letters. With the year's ending we remember our sad loss, Mrs. Murray and Mrs. Kimball. I have just finished reading Edith Porter Kimball's book of letters and poems. I surely consider it a treasure. Many more perhaps were called away from our circle, only we were not informed of it.

For "Clematis" this corner is too tame; she wants us to stir up something. Well, then, let us stir the suffragette. I am an "anti." Now I hear "Pine Cone" and "Tasse" exclaim "Oh that old-fashioned old thing." But listen, girls, it seems to me downright mockery, they give us women votes, but no women candidates to vote for. Surely, some offices are filled by women, but a woman ruler of the nation? Our lords consider us not efficient. But I think different. It looks like the men rulers, all over the world, have made a mess of it. The whole world is afire with passion and crime. Just think of what is going on in Ireland and Russia. Think of the terrible starvation in China, the unspeakable crime committed by the Morroccoans on thousands of white women and children, that an American, Miss R. Beveridge, informs us. And these crimes seem to be rather sanctioned than resisted by their commanders. Where are the men rulers who proudly confess themselves Christians? No, I think women could do as well or better. But we have a much more important duty to perform, and that is to make real men and real women of our boys and girls. By that we can help to make a better world. But there is another reason why I did not vote. I strongly suspect that our "stronger" halves set a trap for us, when they "graciously" gave us the right to vote. You see I am old enough to know their tricks. They must have someone to shift the blame to, when in the future the confusion and chaos gets worse in the political arena than it is already. Remember Adam and "the woman thou gavest me." Azalea.



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Our Catalogue for 1921 is the largest, most complete and perfect ever issued at Lapark. It contains all the standard old and desirable new Vegetables and Flowers, Plants and Shrubs, most of them illustrated.

In Vegetables we have many new things, and in Flowers the choicest introductions of America and Europe.

We are confident our Seed Book for this year is the most complete and up-to-date Catalogue issued in America.

And our basic price is still **5 cents a packet**, ounces, pounds, fractions in comparison.

It is our aim at Lapark to deliver, postpaid, the highest quality Seeds, and the choicest, healthiest mail-order size Plants in America, at prices that are fair to our customers, generally lower than obtainable from any other seed and plant growers.

Every reader of the Magazine who has purchased from us during 1919 and 1920, Seeds, Plants or Bulbs to the value of 25 cts. or more, is on our list and will receive a copy of our 1921 Seed Book and Floral Guide without writing for it.

But if you have not been a customer during the past two years a copy will be mailed to you on request without charge.

LAPARK SEED & PLANT CO., Lapark, Pa.

5 Grand Paeonies and a years sub. to Magazine 30c

Special Clean-up Offer

A year ago last August we went through all our Peony beds and dug up all that had been missed here and there in odd rows and re-set them in one field. They were choice named varieties almost altogether but the labels had been misplaced. They are ready to sell now; we will dig them just as they come; they will be fine stock, in assorted colors, but not named, and so long as they last our friends may have 5 good, strong, healthy eyes and a years renewal, or new subscription, to the Magazine for 30 cts. postpaid.

4 Collections and 4 Subscriptions \$1.00

This is a special opportunity as Peonies are scarce and very high price, so we trust you will ask your neighbors to join you in a club and then you get your renewal and 5 Peonies for almost nothing. We pay all postage.

Parks Floral Magazine, Lapark, Pa.

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Mr. Park says: "I take pleasure in stating that the piano I obtained of you is all that I could wish for. I have had it for several years and it has proved satisfactory in every respect, being easy of touch, sweet toned and durable. If I were going to get another instrument, I should give you my order. I shall take pleasure in showing the instrument to anyone who may call and see it."—

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PARK'S FLORAL MAGAZINE

LaPark, Pennsylvania.

Summer Beauty; A Lovely New Brachycome.

Perhaps the least known and yet one of the most best loved summer blooming Annuals is Brachycome, or Swan River Daisy, listed in nearly all seedsmen's catalogues simply as a free-



FROM A PHOTOGRAPH OF A GROWING PLANT

flowering, dwarf-growing Annual, without any other description. But it has been left to the English seed growers to bring out, this year, an altogether new Brachycome, that blooms, if possible, more freely even than Iberdifolia, of which it is an improvement. This year you will find it listed in the catalogues of all those seedsmen who are wide-awake and on the lookout for new, good things for their customers, under the name "Summer Beauty", and its introduction should be the means of extending the growing of Brachycome so that it might be found occupying in every garden the position its merits and beauty entitle it to. Brachycome originally hailed from Western Australia, and is classed as that far distant country's richest floral gift to the world.

"Summer Beauty" forms an erect little bush about eight inches in height, thickly bespangled

(Continued on page 37)

Flower Seeds and Sowing Them

Some New Varieties

THE demand for cultural hints for growing Annuals and Perennials, on the part of floral friends who read the Magazine and who are intent on having each year better and more perfect flowers, is ever on the increase, and I shall try, in this article, to answer the thousand-and-one questions that have come in to me so far ahead of the new season.

We are glad that our friends feel free to ask so many questions; it indicates their deep and live interest in flowers and their determination to have the very best they can yield when properly planted and taken care of. And of course the Magazine exists to be helpful to the highest degree when our readers let the editor know what they wish him to furnish them.

Begonias; Seeds of the Semperflorens Varieties.

In the various seedsman's catalogues for 1921 there are several new sorts which should not be overlooked. Seed should be sown this month, in shallow pans, or boxes, filled with soil finely sifted and pressed down with a board or brick, and over the top of which should be sifted a quarter of an inch of soil composed of one-half leaf mold and the other half sand. Sow the seed very thinly over the surface and once more press down firmly with the board. Cover no further, except with muslin, after which the box may be watered with a fine spray. Set in a warm, shady place, where it must be kept continuously moist for three or four weeks, when the tiny plants will begin making their appearance, and then the muslin must be removed.

Right now is the critical time with Begonias, as the least washing of the soil when watering, or hot sunshine, will spell disaster. Use a very fine spray in watering, do it carefully, keep them away from the sunshine, and you will be rewarded with hundreds of plants from one packet of seed.

All Semperflorens Begonias are good for bedding, and a bed of them edged with Stevia Variegata presents a very pleasing effect.

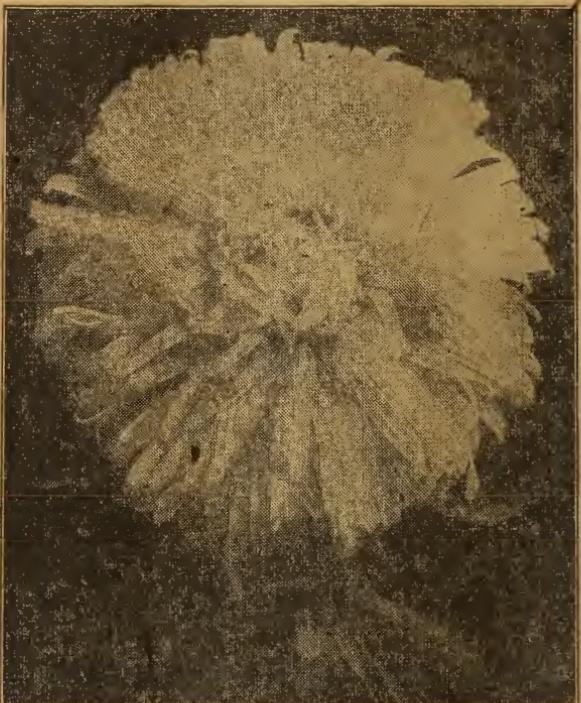
• Flame of Love", a new Dark Red Begonia from Europe.

This is a very beautiful flower; the individual flowers are very large, dark red, and produced in great abundance, coming into bloom when the plant is quite small and continuing right through the summer, when the plant may be lifted, potted and taken into the house where it will continue to bloom all winter, if given a warm, partly shaded window. The fol-

lage is not dark brown like Luminosa, a variety which many people prefer on account of its foliage. One of the best rose-pinks is Begonia Erfordia. And for a pretty, waxy white, select Semperflorens alba.

February and March the Time to Sow Aster Seed.

Indoors, also in shallow boxes, filled with any good garden loam, finely sieved, seeds firmly pressed down and covered just a little with soil sieved on. This is a great point, to sieve your soil so as to have it fine. Remember, flower seeds are, as a rule, small, and the soil must be fine enough so that the seed will have a comfortable place in which to bury itself for germination, the soil cuddling around it. The little Aster plants should make their appearance in from five days to a week. Let them have sun and air on warm days, water each morning also that the plants may be dried off before night, for should the foliage be wet during the night they are quite apt to damp off, and any grower of seedlings knows the consequence if damping-off gets a start in a seed flat. Should this fungus make its appearance it may be checked somewhat by dusting with equal parts of air-slacked lime and powdered sulphur.



NEW SNOW QUEEN ASTER

Prick the young plants off two inches apart when they show the fourth leaf, into the cold frame, to grow until the time comes to transplant to the open ground, a foot apart each way.

Every year new varieties of Asters find their way into seed catalogues. This year the finest addition comes to us from England.

• "Snow Queen;" the Newest Ostrich Plume Aster.

The introducer claims "nothing quite up to the equal of this new flower has heretofore been produced." The blooms are magnificent, of splendid shape, with well filled centers. This novelty is recommended for garden decoration and for market garden purposes, the great size of the flower, its intensity of color and exceptionally good form attracting every Aster admirer's attention.

Another good strain is the *Asternum*, offered in white, pink and blue. In size this variety of Aster is exceeded only by the great hot house grown Chrysanthemums shown in the fall by florists. The King, or Needle Type Aster should be added to the collection of every Aster grower. They are not new, but seem so little known I mention them in these notes as deserving more attention, and with the hope that they may be more largely grown by readers of Park's Floral Magazine. The plants are hardy, of robust growth, very free blooming; while the flowers of good size and very double. One of the characteristic

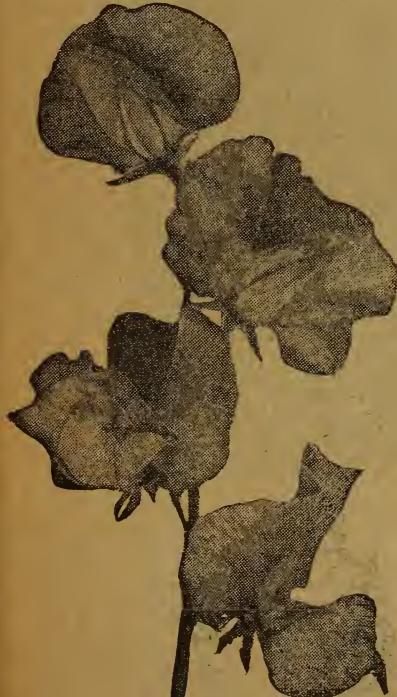
ies that recommends the King Aster so strongly; to me is its determination to live in water, after being cut.

The "Canary Bird" Aster is another of the newer introductions that commands itself to me. The plants grow from two to two and a half feet high and are actually covered with large, handsome blooms, on long stems, making a very good cut flower. The bulbs are of a light yellow color changing to a yellowish white as the flower opens.

When preparing your bed for Asters, out doors, do not be afraid to dig in plenty of well rotted manure, and, remember, Asters do equally well in full sun or partial shade.

The Culture of Sweet Peas.

It seems to me that Sweet Peas are so generally understood and grown that I need not say very much about them, but I will just touch on a few of the most essential points in growing them successfully, because I am asked about them so very frequently. Before sowing the seed always dig a trench from a foot to eighteen inches in depth, and throw into the bottom of it from four to six inches of manure, to encourage the roots to strike down deep, thus prolonging their season of bloom during the hot months of early summer. Over this manure throw three or four inches of soil, and sow the seeds thinly on top of it, and then add two to three inches more of soil. When the plants make their appearance keep them well watered, and as they increase in height throw in more soil until the trench is full almost to the level, leaving only a little shallow gutter for water. Your trench should be prepared and the seed sown just as early in the spring as the ground can be worked, because the earlier you get in the seed the more certain you may be of a good



"GLITTERS;" NEW AND LOVELY SWEET PEA

crop of flowers. Fall sowing of Sweet Peas is practiced now by a good many people who grow the flowers for profit. It insures a liberal crop



FLAME OF LOVE BEGONIA SEMPERFLORA

of choice flowers early the following season, and you may practice fall sowing by simply following the directions I have given in this little article, but planting in late September or early October, and, with the approach of cold weather run a six inch board along each side of the row, six inches apart, closing the top by laying on panes of glass. In this way the plants start early and vigorously the next spring, the glass and boards being removed early. I have known sowings to come through the winter without any protection whatever, but I advise using the boards and glass as I have suggested.

Sweet Peas may also be started early in the house, sowing two or three seeds in a small pot, and setting them outdoors as soon as the weather permits without disturbing the roots, six inches apart.

Spencers are the largest flowering Sweet Peas, and are of the richest colors and most delightful markings. They are a little more expensive than the Grandifloras but well worth the difference. This year's catalogues show a number of

Grand New Sweet Peas This Year.

A number of them American and a few English. "Rosalind" is described as very large, charmingly waved, and of a delightful shade of bright though deep rose, a vigorous grower and extremely free flowering, the immense flowers usually four on a stem, the rich, rose-crimson color heightened by the soft salmon-like suffusion noticeable towards base of standard and wings. "Glitters" is another new variety so highly recommended that I believe it will be given a trial by everyone fortunate enough to secure seed. I hope to try several of the new sorts, but if I can get only one it will be Glitters, as it is said no other variety approaches it in brightness and bright fiery effect. It is unique and far ahead of all other orange colored Sweet Peas glittering and scintillating with a fire-like sheen radiating over the entire flower. Magnificent by day but bewilderingly beautiful under artificial light.

"Flamingo" is written of as having enormous flowers of a light orange color with a suffusion of bright salmon, the wings a delicate shade of

orange-pink. A bunch of Flamingoes is said to be one of the richest sights ever presented to lovers of Sweet Peas. "Picture" is claimed as the largest of all the new sorts, the breadth across the standards being enormous. In color it is a blend of cream and pink, but quite unlike the usual pale, clear pinks in having a deeper flush of color on the wings.

The Right Location for Sowing Primroses.

Almost every seed of Primroses will germinate if the right selection is made for a bed, or if the box in which seed is sown indoors is kept in a shady window and constantly moist for four weeks, which is the time required for germination.

Seeds of *Primula Obconica*, *Shinensis*, *Kevensis*, *Malacoides*, and any other annual variety, should be sown in the spring, the soil com-

dow plant. *Primula Kewensis* should be in every collection of those who enjoy yellow flowers, as it is of the purest, light yellow, and a constant bloomer.

Perennial Primroses May Be Sown Outdoors.

In early spring, in a partly shaded bed, in drills two inches apart, the plants to be transplanted to their flowering quarters in the fall, or the succeeding spring. Set the plants eight to ten inches apart when transplanting. The seed is slow to germinate, and for this reason the bed should be watched carefully for several months if sown in the spring. When the seed of the Perennial varieties is sown in the fall, which is the proper time, the moist condition of the soil during the winter months is ideal for germination, and when the spring comes almost every seed will have produced a plant.



"MALACOIDES ALBA" ONE OF THE NEWER PRIMROSES

posed of good, garden loam, leaf mold and sand in equal parts. When the young plants have four leaves they should be potted singly, in small pots, using the same sort of soil, and they should be sifted along as they grow until they are in a four or five inch pot, where they may be left. While growing Primroses during the summer keep them in the coolest, shadiest, place possible, the soil to be rather moist. The *Obconica* are free blooming, producing many more blooms than the *Shinensis*. While the newer *Gigantia Grandiflora* produce individual flowers as large, if not larger, as the Chinese varieties catalogued as *Primula Sinensis*. Among the newer Primroses is *Malacoides alba*, a pure white variety of that easily grown, showy win-

Dig the seed bed carefully, pulverizing all lumps, and sow in rows, covering a quarter of an inch with fine soil, pressed down. During the coldest months of winter give the bed a slight covering with straw, removing it in the early spring. Among the newer sorts of Hardy Primula are the Giant Flowering Acaulis, that come in yellow, blue and white, or mixed. A bed of this variety resembles Pansies in full bloom. They should be more liberally planted and become better known. When once planted they take care of themselves.

I prefer to

Sow Antirrhinum Indoors.

Cover the seeds lightly and they germinate

quickly, and when once started grow rapidly. If the seed is sown carefully, so that each plant has sufficient room, good, stalky plants may be grown indoors, that may be lifted with a little clump of earth attached to the roots, and transplanted outdoors, at the proper season, without at all checking the growth. Few plants are so desirable for bedding purposes, and each year adds new varieties, colors and shades. For this year

Antirrhinum Majus Grandiflora "Rose King".

is said to be unusually fine. The plant throwing a large spike of immense flowers of a brilliant, Carmine-rose in color. "Enchantress" is the striking novelty among the Nana Grandiflora varieties, a pure pink self, a little paler in shade than the well-known and favorite "Fascination," and described by a color expert as "Almond Blossom Pink." The flowers are of large size, borne on large, upright spikes. A desirable feature of "Enchantress" is that it flowers almost three weeks ahead of any other variety. Nana Grandiflora "Golden Monarch" is another magnificent new sort, of the Hyacinth-flowered type, the very large flowers, of a splendid, golden yellow, being produced equally all around the stem, in pyramidal shape, and throwing numerous side stems all summer.

Last, but not least, is "Gloria," a Grandiflora type Antirrhinum, of a deep rose-pink, flowerettes prettily fringed and clustering thickly on the spike, forming a handsome, pyramidal bouquet most delightful viewed singly or in masses.

I might go on almost indefinitely, but I think articles in the Magazine should be rather short, in order that the keenest interest may be maintained right along to the very last word.

Editor.

CYCLAMEN.

The finest Cyclamens I ever grew, I kept the pots in large saucers and the space between the pots and saucers packed with sphagnum moss. This moss was kept continually moist and I had no trouble with the buds blasting. Cyclamens are very easily raised from seed if one has patience to wait until the seeds germinate. They require a light soil and care in watering as they should not be allowed to dry out. A Cyclamen in full bloom is a beautiful sight and I consider it one of the best winter blooming plants we have.

Mrs. F. A. Lorenz, Freedom Sta., Ohio.

REMINDERS FOR FEBRUARY.

Bring bulbs intended for Easter blooming to the window.

Look thru seed catalogues and plan your flower beds.

I have in mind a rather small, round mound, with three dark leaved Cannas in center surrounded by alternating light and dark leaved Coleus. The whole surrounded by rather large stones.

If your Amaryllis puts forth leaves instead of buds set it in a darker place for awhile. I put a stubborn one on top of my china closet, in a corner, near a stove. Heat is essential and the nearer the ceiling I got it the warmer I could keep it. It budded in 8 days.

"Irish Rose."

SANSEVERIA IN BLOOM.

In December number of Magazine I notice Mrs. A. J. Stedman of Ohio writes, her Sanseveria Zeylanica, seven years old, has never bloomed. When it does I fear she will be, as I was, a bit surprised. Mine has bloomed for the last three years, flowers white, somewhat like White Honeysuckle. After blooms fall there come green balls along the stem, turning an

orange color, and remaining ever so long. Mine blossomed in September, balls still on this last of December.

The picture in December magazine is a perfect one while in bloom. And did you know if you only cut off a leaf, stick it into soil, let it stay all summer, in fall there will be several new blades come from the root of the one you planted. Try this next spring. Here we call the plant "Tiger tail," or "Motherinlaw's tongue." When I bring my plant in the house before freezing weather, I water it well, set back in corner of room out of sunlight, and keep it there until next May, then set it out on the east porch where it stays all summer.

Mrs. Effa Wilson, Missouri.

FLORAL FRIEND'S CORNER.

DEAR FLORAL FRIENDS: Just a few lines. Now is the time to begin to think of your Easter bulbs, but do not make the mistake of forcing them too rapidly. It is also a good time to examine bulbs, such as Cannas, Dahlias, Caladiums and the like to see that they are not too warm and moist, as that will cause them to sprout and will consume much of their vitality. It is also a good time to commence feeding your Callas; put some manure in an old vessel, pour boiling water on it, then weaken with soft water if possible and feed your Lilies for Easter blooms. Say, Floral friends, let us vote on concentrated buying, I think it best; I find it best, as we have been practicing it for 15 years. When we want bulbs, plants, seeds or anything in the Floral line remember our old friends are the best and patronize them. I send this little note hoping our dear editor may recover at an early date. Yours truly, ROSE.

Mr. Editor: Please allow me space in your valuable paper to tell the sisters how much benefit I have received from their contributions from time to time, of their successes and failures. We surely can help one another and encourage all to love and grow more flowers. Teach your children to love flowers; begin when small and they will, when old enough, learn to cultivate them. Beautify your homes, make them attractive; a well kept, tidy country home always attracts attention of passers by. How often have I heard the remark "Oh! see those lovely flowers." How frequently we see beautiful homes, and well kept too, but lacking flowers, not a vine or shrub, of which there are so many to select from. And in some places not even a shade tree. God has given us these and why not enjoy them. Clear away the unsightly rubbish in the backyard and plant flowers.

If one has not the time to plant and cultivate Annuals, then there are so many Perennials and shrubs to select from, which make a permanent border. I am such a lover of flowers and have made it a practice to give freely to my friends, and especially to children, to encourage them to love and cultivate them. It is such a pleasure to me to send flowers to the sick, for it helps put sunshine into the soul, and when we are tired with our household duties how restful it is to stroll among the flowers and note the changes they are making. I have so many favorites and when making out an order I scarcely know where to stop, as there is nothing I like to do better than to work with them.

"Virginia," Ohio.

JAPANESE LILIES.

Can some one tell me what was the reason my Japanese Lilies did not come up? They were where the water settled around them and I took them up a year ago last fall and set them in a good place. They were nice large bulbs and I had read to put sulphur in a sack and shake them in it and set them in a nest of sand which I did but never one came up. I had done so with other Lilies and they came up all right.

"Virginia," Ohio.

QUESTIONS AND ANSWERS.

SETTING A ROSE BED.

I just cannot wait any longer, I must have a Rose bed, and, as usual, I go to the Magazine for instructions, because your directions are always so easily understood and the results following them so satisfactory.—Mrs. Alex Johnson, Wisconsin.

ANS.—The best time to set a Rose bed is in spring. Dig down from two to three feet according to location, the idea of going so deep being to obtain thorough drainage, by filling up the bottom of the bed, for at least a foot, with cinders, cracked stone, or anything else that will allow drainage. Fill in the balance of the bed with top soil, into which you have thoroughly mixed a liberal supply of well rotted manure, and bone meal, a pint to two square yards, well raked in. Set your plants two feet apart, tamping the soil firmly around the roots. Then give them a good soaking, not just a watering, but a soaking. It is a good idea to leave a cup-like trench around each plant so as to hold the water when it rains. If your plants are small they should not be allowed to bloom at all the first year. If they are dormant when you receive them cut them back to within two or three buds, or eyes, of the roots. During the summer mulch your bed with straw, or lawn clippings, and in the fall tie up your plants with rye straw, or throw a bucket of coal ashes around each plant, and then should the wood winter kill there will be sufficient life down in the ashes to bring them through all right.—EDITOR.

CAN I MOVE PAEONIES THIS SPRING?

I have a row of lovely Paeonies on both sides of the driveway. Now we have an Automobile, and we must rearrange the drive, and will have to move the Paeonies. Please let me know in the first number of the Magazine, if I can move them safely this spring.—John H. Fitzgibbon, Iowa.

ANS.—Paeonies can be moved in the spring if it is done very early, but you lose that spring's blooming. The proper time to move Paeonies is towards the end of August, and then you save all the summer's growth, can



make more divisions, and they will bloom the following spring. Toward the end of August cut off the tops, dig up the roots carefully and divide them leaving two or three eyes to a division. I decidedly advise against spring moving.—EDITOR.

GLOXINIAS AFTER BLOOMING.

Some years ago I had perfectly beautiful Gloxinias and lost them all because I didn't know what to do with them. Now I have just got half a dozen more, and they cost so much more than they used to, and I want to take care of them. The advertisement said that

these were American grown bulbs as Gloxinias could no longer be brought over from Europe.—Frances Knight, W. Virginia.

ANS.—Your information was correct, Gloxinias are bulbs and the importation of a great many varieties of bulbs is now prohibited by the Government, excepting new varieties and stock for propagating purposes only. Treat your Gloxinias after flowering just exactly as I have advised M. A. T. in this column to treat her Tuberous Begonias.—EDITOR.

LILIES OF THE VALLEY DID NOT BLOOM LAST SPRING.

I used to have a fine lot of flowers, but the last two years I had practically nothing, and yet I have not done anything that I know of



that would hurt the roots. What is the matter with them, and is there anything I can do to make them bloom next spring?—Mrs. Synthia Greene, Virginia.

ANS.—Lilies of the Valley increase rapidly, and the probability is that your bed is so crowded that the roots are piling up on top of each other, crowded away from sufficient contact with the soil to obtain the necessary nourishment for flowering. Take them up early this coming spring, divide them, and reset them, from four to six inches apart. Watch your bed and repeat the operation when they again begin to crowd each other.—EDITOR.

WHAT SHALL I DO WITH TUBEROUS ROOT-ED BEGONIAS AFTER THEY BLOOM?

I love my Tuberous Begonias but I have had to buy new ones ever year. Surely there is some way of preserving such lovely flowers so that they will bloom again. Will the kind editor help me?—M. A. T., Pennsylvania.

ANS.—After your Begonias have finished blooming let the bulbs dry off and keep them in a dry, frost proof place to rest, leaving them in the pots. Next January or February the bulbs will start of themselves, and then they should be repotted, and for best results, largest, finest flowers, you should have the soil one part leaf mold, one of garden loam, and one of sand, well mixed.—EDITOR.

GREEN APHICES, OR PLANT LICE.

Many house plants, especially the Coleus, and other foliage plants, will be found at this time of year badly infested by the little green aphides (plural of aphis); plant lice they are often called. Here is a remedy, safe and sure: Make a strong suds with carbolic soap, which you can buy at any drug store, have it as warm as you can comfortably bear your hand in, and thoroughly wash the plant, by shaking the branches in the suds. When you are sure no leaves have missed a drenching, rinse in clear water, and you are rid of the little pests.

Mrs. Edith H. Phillips, Williamsport, Pa.

THE FLORAL MENTOR.

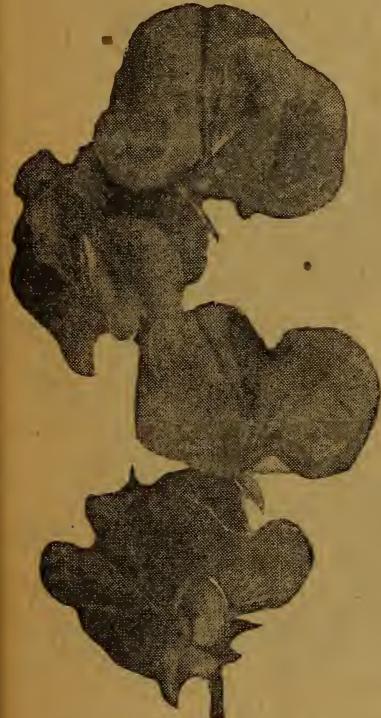
Every month of the passing year,
It brings a message of floral cheer;
Where cordial greeting, and counsel blend,
Derived from many a floral friend;
And if there is trouble anywhere,
The word "in-season," is ready there.

A kind instructor, to those who toil
For the hidden treasure within the soil;
And helpful words from the ones who know
The magical touch for the things that grow;
And curtive hints for blossoms foil
And bright suggestions its pages fill.

A Mentor, courteous, helpful, kind;
With grace of language, and tact combined;
The ever attentive Dean, who stands,
As guiding force of the Floral Band,
Compassing the flower lover "Guild,"
For whose delight, are its pages filled.

Gladly we welcome its flower face,
Wearing some picture of blossom grace,
And cordial greeting from East to West,
It comes to us, as an honored guest;
An inspiration to those who toil,
For the Beauty which springs from the waiting soil.

A. C. S. Allard



ROSLIND; ANOTHER NEWSWSET PEA.

SNAPDRAGON MY FAVORITE.

Snapdragons are one of my favorite flowers. I usually sow mixed seed as there are so many beautiful colors. I have better success with them by sowing the seed in old pails, with holes in the bottom for drainage. I use soil from the woods mixed with a little sand. After sowing the seed I cover with a thin cloth and keep moist and in partial shade until the seeds germinate. Here in Virginia Snapdragons can be treated as Perennials and will bloom earlier

than from spring-sown seed. They endure heat and drought better than almost any other kind of flowers. They also are very fragrant and.



"ROSE KING"; FASCINATING NEW ANTIRRHINUM

are fine for cut flowers. I usually mix them in vases with pink Perennial Pea, which is another favorite of mine.

HARDY CHRYSANTHEMUMS.

No country garden seems quite complete without a few varieties of Hardy Chrysanthemums. I have ten different varieties, and when once planted they require very little attention. They will grow in partial shade where many other sorts of flowers do not do well. Chrysanthemums bloom outdoors later than any other flowers, and are fine to decorate a room for Hallowe'en or Thanksgiving. By using the various shades of reds, yellows and browns, mingled with the green leaves they can be placed to represent mountains with autumn foliage. Chrysanthemums will keep several weeks as cut flowers if in a cool room.

Mrs. Rosie Quarles.

THE DESPISED FIRE LILY.

Not until last year did I give a thought to the flashy-looking Fire Lily. (*Hemerocallis Fulva.*) A Lily that I had known from childhood. On analyzing my feelings towards it, I found that I really held contempt for it, and for no other reason than that they say "familiarity breeds contempt." In the New England States it is found in large clumps, about old and deserted farm houses.

But one stormy morning I paused in my rush and gave it a "look-over," and it is well worthy of observation, with its pretty markings. The edges of three of the petals being ruffled, while the other three are plain. The blooms are fine for tall vases. We have one clump that is double. It is not as attractive as the single kind, although odd in appearance. From now on the Fire Lily is one of my favorite flowers.

Brunswick, Maine. "Purple Fringed Orchis."

JAPANESQUE.



very fat Barberry bush, and many very tall wild Bladberry bushes. There was a grand clearing out; everything came out but the Barberry.

At its foot was a dug-out place filled with Iris and Lemon Lillies. This place was dug out square, the side has a board to keep the soil in place, and two wide steps lead up to the Kitchen Garden. The bottom step is wider than the top one and much longer. It leaves, a corner on each side, which will hold a pail of Cannas next spring. Now here is proven the fact of humble beginnings—those steps were thick, heavy, chicken feed troughs until I got hold of them. Turned bottom up they are nice thick steps. They are to be painted white.

On one side is a row of Iris, and a corner of big, grey ledge with Moss trimmings breaking out here and there. And there are little Evergreen trees—pines, cedars and tiny hemlocks, and a few nice white stones, and yellow Myrtle, and Echeverias, and Sedums, big and little. The other side has two plum trees. Between these is a Climbing Yellow Rose. It used to stand at the corner of the barn, but it was a much traveled corner, and its long arms proved that roses and thorns are very near neighbors. It is to have a white slatted trellis. This trellis used to do duty as a chicken yard gate. But it was well made and just a little tinkering and it is a fine, white trellis.

The frost caught me before the little bird pool was put in at the foot of a tiny pine tree. In a little while the steps will be white; the tiny pines are so green; the strings of Barberries are bright crimson, and it all fits in with a little, old, white house, built on square lines, with a little patch of green grass at the side, white.

for all the woodwork at this side is to be made

If you happen to have any extra chicken house supplies going to waste try something Japanesque if it will fit the other surroundings.

Bertha N. Norris,
Homecroft Cottage.

She Wants an Olea Fragrans.

C. S. Richmond, Indiana, in FLORAGRAMS, asks for the treatment of Hibiscus. I once had a very beautiful Hibiscus, Peach Blow, which I gave just ordinary treatment, about as I did Geraniums, shifting to larger pots as needed.

Will some of the sisters tell me where I can get an Olea Fragrans? I search every floral catalogue that I get hold of, but cannot find it listed, and I love it so much. I would appreciate it very much if some one would tell me where I could beg, buy, or exchange for one.

Mrs. C. A. Bivin, Missouri.

Note.—Commonly known as Sweet Olive and very difficult to propagate, but one of the most fragrant tender shrubs in bloom all winter.—Editor.

I just read "if not elaborate enough to be called a Japanese Garden you may at least say Japanesque." It was the wildest corner you ever saw. There was a near-dead pear tree, many weeds, a bunch of Golden Glow, some Wormwood, and two great bunches of Weigela, a big bunch of Honeysuckle, a

MY DAHLIA GARDEN LAST SUMMER.

Valuable Points for Spring Selection. WHILE Old Jack Frost is trying his best to run the temperature outdoors down to zero, I am sitting in our cozy home thinking of the past glories of our Dahlia garden, and planning for the glories to come. And glories they are; the great, big flowers of the modern Dahlia are revelations of beauty. I always disbud my plants, leaving only the largest, or most promising, bud on a stem. It is quite a job to keep a large number of plants disbudded, but the extra fine flowers thus secured amply repay for the work. Our soil is heavy crawfish clay, so when the plants are well up I give them a liberal amount of air-slaked lime. When the first buds show I apply pulverized sheep manure, and a little later, in July, about a tablespoonful of nitrate of soda around each plant, being careful not to let the soda touch the plant. I try to plant them in a different place every year.

I like the Decorative Dahlias best, and "Mina Burgle" is by far the very finest for a cheap variety. The plant is a strong grower, flowers very large and freely borne, color brilliant scarlet. Among other red and garnet shaded decorative I will mention "Papa Charmet," Victor Velvet, Auguste Nosein, Quray, D. M. Moore, Giant Doazon, Oregon Beauty, Royal Scarlet Red Flamingo, and Chanoine Ducrot, all red and every one different. Other good ones are Albert Manda, Jeanne Charmet, Eventide, Delice, Mortulanus Filt, Queen Mary, and the beautiful Mme. Van den Doe.

The Cactus varieties show the greatest diver-



PRIMULA AURICULA Mentioned in the Editor's Article on page 40

sity in form and color. "Kalif" is the finest, and of a beautiful red color. Other very fine Cactus sorts are Bianca, Thais, Snowdon, Rheinkoenig, Nibelungehort, Nancy Mae, F. W. Fellows, Wodan, Marguerite Bouchon, and Wolfgang von Goethe.

Gefsha, Mondscheibe, Dr. Peary, Mannheim, and Leo XIII are fine Peony-flowered sorts, the latter is really a Decorative, being of full, double form. Dreer's Yellow is by far the finest Show or ball Dahlia and is one of the best of any class. I have many others, such as Acquile-

sition, Aurora, Dreer's White, Grand Duke Alexis, Portola, etc., which are very satisfactory but are superseded by larger flowered sorts. I will not attempt to describe the colors, I can tell a red or yellow Dahlia, but when it comes to a cerise shade of purple, or the numerous salmon shades, bronzy buff, etc., I am lost. Let the floral reader send for catalogs from a dozen Dahlia specialists and compare

I would like to hear from anyone having the yellow edged Sansevieria Laurenti, white variegated Aspidistra, Gloxinias, wide petaled, large flowered Crinums, and Amaryllis, and Fancy Caladiums. Also who has seen or heard of named varieties of Clivia Miniata and unusual forms of Crinum and Amaryllis, such as Aulica, Reticulatum, Solandriiflorum, Oriflamme, Clovis, Ackermannii and J. L. Childs?



ONE OF MR. BARONOWSKY'S FAVORITE DAHLIAS

the descriptions. Many of them are contradictory.

The German growers have given us many fine, large flowered Dahlias, with long, straight stems for cutting; while many of the new American and English sorts have pendant stems. Everything German is out of order these days; so rather than do without the flowers, let us consider their German origin as their misfortune, the same as some of us are born of poor parents when we would prefer to be wealthy.

I wish you all success with your flowers and gardens in the New Year 1921.

Florally yours,

J. E. Baronowsky, Indiana.

Note.—Our contributor certainly indicates a good knowledge of Dahlias, and his criticisms are of value to every one who is planning an increased use of this grand fall bloomer. I suggest that, in addition to reading what friend Baronowsky writes, we also read what growers have to say of some of the new flowers for this year. Please favor us oftener.—Editor.

TURNS.

Alvina near the window stood
And sprayed our graceful fern;
Then stepping back admiringly
She gave the plant a turn.

I asked her why she shifted it?
She smiled and said to me:
"I try to give each frond the light
To balance it, you see."

I thought then of the little ones—
The fronds of humankind—
Who need the sun to paint their cheeks
While breathing fragrant wind.

All children need these changes more
Than do the flowers or ferns;
Place them in air and sunshine too,
Yes, give the children turns.

James Russell Price.

6309 Wentworth Ave., Chicago, Illinois.

CAMPANULAS AND THEIR CULTURE.

THE genus Campanula is a very extensive one, embracing as it does over a hundred species and varieties of annuals, biennials and perennials, all of which, when taken together, form a group of old-fashioned border plants of unusual beauty, and deserving of more attention than they at present receive.

One of the best of the many species is the peach-leaved Campanula, *C. persicifolia*, with flowers of a deep blue color, and its white form, *C. alba*, the flowers of which are of the purest white, and when well grown are plants of unusual beauty, as they attain a height of from three to four feet, branching freely into slender flower stalks, on which the innumerable, large, bell-shaped flowers are produced, face

sufficient space in which to properly develop themselves. Their blooming season will be greatly prolonged, the number of flower stalks increased, and the individual flowers much



FRAGILIS; THE TRAILING CAMPANULA

larger if the plants are given a copious application of liquid manure water weekly during their season of growth and bloom. Through the winter season, or from December to March, the plants should be lightly covered with evergreen or other branches, and, if possible, let a liberal quantity of pulverized sheep, or well rotted manure be carefully dug in around the plants.

Propagation is effected by seeds, or a careful



THE GLOWING "CUP AND SAUCER" CAMPANULA, A VERY POPULAR MEMBER OF THE FAMILY
downward, in the greatest profusion; from June far into September.

When well grown and properly cared for these Campanulas are truly magnificent plants, and at least three or four specimens should be found in all miscellaneous flower borders, where they should be given a very deep, well-enriched soil, in an open, sunny situation, and

division of the older plants, the operation being performed as early in the spring as possible, as soon as the plants start into growth. Seed can be sown at any time from April to August, the earlier the better, in a nicely prepared border in a partially shaded situation. Sow thinly, cover slightly, and as soon as the young plants are large enough to handle let them be

transplanted into another border, similarly prepared, and placed in rows one foot apart, the plants being about six inches apart in the row. Keep the plants clean and free from weeds, protected during the winter months, and remove to their permanent position in the flower border as early in the spring as possible.

Chas. E. Parnell.

"MY GARDEN".

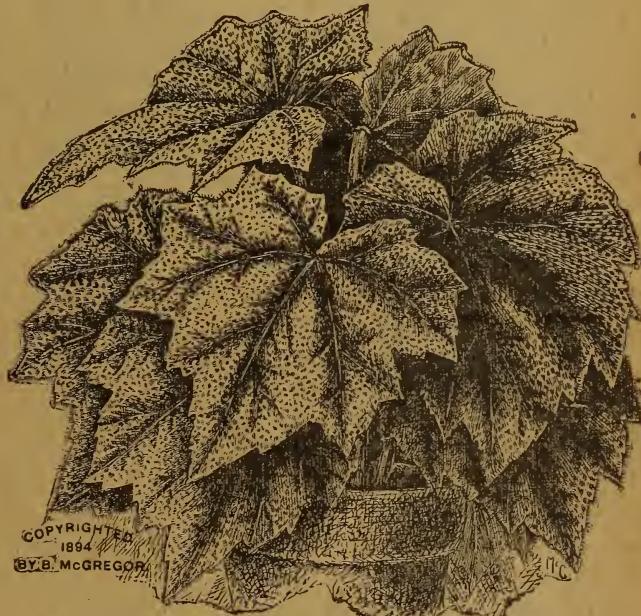
I planted a shrub in the garden one day
And thought as I dug in the ground
That the frail little tendril would never survive,
As fiercely the weeds grew around.
Time sped so swiftly, I saw in surprise,
My shrub, hung with blooms, fresh and fair,
Which I gratefully brought to the altar of God,
And laid there before Him in prayer.
I pray that some of my deeds in this life
Be worthy to lay at his feet,
And out of a garden, with weeds over grown,
Some blossoms might bloom that are sweet.

Mrs. Clifton Brooks.

A CHAPTER ON BEGONIAS.

FIRST let me say I have a very large bay-window, with six windows from floor to ceiling. The two east windows are devoted to fine Begonias, and here they flourish, and some varieties are in bloom almost continuously from November to April.

There is no class of plants that I love so well as Begonias. One of my best winter bloomers is Corallina Luccerna, in style of growth and form of foliage it is much like Otto Haecker, growing into a shapely specimen, with gigantic clusters of bronzy red flowers; foliage dotted silvery white. Bunchii is one of the most distinct and novel varieties in my collection. The entire edge of the leaf is ruffled and whorled in such a manner as to be unique and interesting. Thurstonii is stately, with handsome, glossy leaves of a metallic luster, topped over



THE REX SPECULATA IS ONE OF OUR FINEST POT PLANTS.

with blossoms in peach pink, in large sprays. Metallica is a favorite. It has large leaves shaded with green, crimson and olive, with a peculiar metallic luster; flowers pink. Manicata Aurea boasts large, glossy, smooth leaves, a lovely shade of green beautifully blotched with yellow, the flowers delicate pink. I do not let my plant of this variety bloom as the leaf is lovely enough without flowers. Palmata is a strong, vigorous grower; the leaves on well grown plants, from 10 to 12 inches across, borne on long stems, in a dark metallic green, the under side red; the stems heavy and thickly covered with hairs; the blooms are borne in large sprays well above the leaves. Palmata Spiralis is identical with Palmata except that the leaf, at the axis, has a spiral or whorled growth,

like that seen in Countess Louise Erodody, whose strong foot stalk is covered with spikes of hair, the bloom coming in large sprays. The plants immense in size, the largest I have, and always attract attention. The blooms on both varieties of Palmata are a rich pink. I also have Sunderbruchi, which has a large leaf separated into from seven to nine points; stems large and covered with hair; foliage beautiful. It bears large panicles of pink blossoms. Haageana: plant tall and shrubby; flowers rosy pink; stems covered with hair, which also shows on leaves. President Carnot is also a prime favorite as it has usch large panicles of coral-red flowers, making a bright spot. We could not spare Carnot from any good collection.

Now this is not all, but I may come again. But before I close I must tell you of my Rex Begonias, for they sure have a place near the glass to, and I have about 18 varieties. Beautiful? Well I guess! They are planted in wood earth, well rotted, and sand. No water is ever sprinkled on the leaves, and they are well grown and exquisite, and can be arranged to form a charming picture. I may come again and tell you of my Hibiscus, now covered with buds and blooms, and of my Amaryllis. Have any of the Floral band Begonia Seldeni? Are there any others who grow many Begonias.

Mrs. Jennie Spencer.

Note. — Welcome friend from Illinois; do come again. Many of us who are fond of Hibiscus will be glad to hear of yours and how you make it so beautiful. What we all use the Magazine for is to give and receive practical, helpful instructions that aid us to get more beauty, comfort and satisfaction out of our flowers. I am sure we shall all think of your Begonia Room and wish we might have a peep into it.

FLORAL FRIEND'S CORNER.

Dear Wild Rose: Ima invites you on a visit next spring. We will visit the Sugar Camps for which Grange County is justly famous. Later we can gather tender Wintergreens which clothe the woodsy hills, also young Cowslips which the appetite so dearly craves in the spring and which we can cook to satisfy it. We can wade in Peppermint and Spearmint to the knees and upon going down to bring the cows home you can gather Wild Buttercups and Daisies galore, with many a patch of moss and with other wild flowers for variety. Am sure you would enjoy the visit. Come, Ima.

(Continued from page 34)

Let us order them early, that they may be in our hands at the beginning of the seed planting season. Some of them we will want to plant very soon in the window boxes and in the hot bed, and it is well to at once secure the necessary boxes and to prepare the outside hot beds and frames. No matter how long we have planted and how experienced we have become, we do like to read descriptions of varieties in the Catalogues, and we appreciate the thoughtful and carefully prepared cultural directions that some seedsmen send to us in their Annual Seed and Plant Books. It is always gratifying for us to know that the preparation of a Seed Book has been personal, rather than a mere contract printing job given to some plant Book printer who

uses stereotyped, unstudied matter in the "job" that he turns out for a seedsman. Gardens are strictly personal accomplishments and it is the duty of a seedsman to recognize his responsibility to the garden makers of the country and to prepare for them planting guides and cultural directions that can be easily understood and followed, and it is especially his duty to send out only the best of seeds and plants that his patrons may confidently plant and cultivate and realize pleasing plant, flower, and vegetable garden success.

Let us have an abundance of food and flower production in the year 1921.

Gladiolus; An Experiment.

Now that the catalogues are beginning to arrive and we are thinking about our next summer's gardens, our thoughts turn to Gladiolus, which are fast becoming among the most popular of garden flowers. Last spring I tried an experiment with some of my bulblets, which met

with my complete satisfaction.

In March I filled about a dozen pots with ordinary garden soil, pulled some of my choicest bulblets and planted them in these pots, covering lightly, and then set them in a cool, east window. In two or three weeks the little sprouts began to come thru the ground, and of some varieties every bulblet sprouted. I kept them moist, and as soon as danger

of frost was past I carefully slipped the balls of

earth out of the pots and planted them, without disturbing them, in holes prepared for them in the garden. The little plants never seemed to know that they had been moved, kept right on growing and a few even bloomed. In this way one can soon obtain a nice collection from the purchase of one bulb if it is a good bulblet yielder. The bulblets can safely be planted so closely that they almost touch each other in the pots. Last spring a venturesome calf decided to sample the little, green, grass-like blades of my choicest variety (Mrs. Dr. Norton). Not liking the taste of them, it scattered a mouthful, which he had pulled up by the roots, all around. I gathered them up, set them back in the ground and kept them shaded and the ground moist for a few days, and I believe not a single one died, proving how hardy the little bulblets are.

Note.—It is so interesting to us all to read such experiments, and I would like to hear from any others who have given special attention to Gladiolas.—Editor.

RECIPE FOR GRAY HAIR.

To half pint of water add 1 oz. Bay Rum, a small box of Barbo Compound, and $\frac{1}{4}$ oz. of glycerine. Any druggist can put this up or you can mix it at home at very little cost. Apply to the hair twice, a week until the desired shade is obtained. It will gradually darken streaked, faded or gray hair and make it soft and glossy. It will not color the scalp, is not sticky or greasy and does not rub off.

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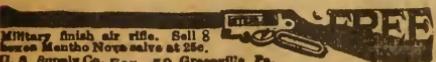
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PARK'S FLORAL MAGAZINE.
FLORAGRAMS.

For Amaryllis Rust.

Put a teaspoonful or more of baking soda over and around the top of bulb. I got this from an old number of the Magazine. It may be new to some. I tried it and seemingly it worked.

Chrysanthemum Inodorum Plenissimum

Is a sort of glorified Mayweed, or what we call here Dog Fennel. The name is enough to condemn it, but the middle word means that its odor is not as bad as that of its weed relative; indeed I rather like it. And the last word means, I think, that it blooms a plenty, which it surely does, its double flowers being larger than its cousin's, the Feverfew. It is a hardy biennial and worth growing. "Daisy," Ore.

Snapdragons.

Snapdragons: Sweet-scented, "beautiful," white, light pink, primrose-yellow, and dark red, at least a foot in length, and just like wax, blooming outdoors, and in the house, Jan. 12th. Can you imagine their beauty? No trouble; require almost no care. Try them this year, indoors and out. I'm sure you will not regret it.

Butter and Eggs.

Another favorite of mine. Long stalks of orange and yellow blossoms, nearly as large as my Snapdragons, and resemble them closely, only they are spurred. So easy to raise; blossom early and late. Surely I could not be without them.

Sweet Scented Single Stock.

All shades of red, white, pink, lavender, purple, rose, etc., and so fragrant. In bloom now. Surely you will want these. They just have to grow, they can not help it.

Calendulas, or Pot Marigold.

Constantly in bloom. Only just keep them picked off so they will not go to seed, and they are in so many shades of yellow, double and single, variegated and plain, and even white ones, and scented, blooming indoors and out. Be sure and have them in your collection.

Red and Blue Flax.

Airy Fairies, gracefully nodding their beautiful heads in the morning breeze. How they delight you with their airy grace. No trouble to grow, the red seeds itself; the blue comes again from the roots. Yes, you will want these I'm quite sure.

Primroses.

Tall and stately; red and yellow; gorgeous they are, millions of them on those two large bushes. And yet I raised them from seed last spring. Fragrant? Yes, very. Still they bloom. Amazing, isn't it? Is not that round mound of Sweet Alyssum beautiful? Notice the green grass all around the mound? But this in winter in California—big frost last night.

Trilliums

Are pushing through the ground on the north side of the house. So are the wild Forget-me-nots, and some wild Lilles, I know not what. I hope they bloom this year. Those I brought from Grand Canyon last spring made a wild flower garden, too.

In the fall sow your spare flower seed wild in the meadow. I did; they are coming up now.

Lila Dearborn, California.

10¢
OR
25¢



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Anti-Kamnia
FOR HEADACHE, NEURALGIA, INFLUENZA AND ALL PAIN-
TABLETS

5 pkts. FLOWER SEEDS

Extra Special Value
Mailed Postpaid for 10c

The following collection blooms from early summer to late fall: Aster, Petunia, Pansy, Phlox and Salvia. Generous packets.

Complete Catalog FREE

I will mail 5 packets of Daisy Seed (five colors) for 25c, or 3 Everblooming Roses (three colors) for 25c—the 3 collections for 50c. Try them.

Miss Jessie M. Good
Box 505 Springfield, Ohio

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Enjoy your 1921 "Ranger" at once. Earn money for the small monthly payments on the Old Style Pay Plan. Parents often advance first small payment to help their boys along. FACTORY TO RIDER wholesale prices. Three big model factories. 124 Styles, colors and patterns. Bicycles, Bikes, Bicycles, Bicycles. DELIVERED FREE, express prepaid, FOR 30 DAYS TRIAL. Select bicycle and terms that suit—can be arranged. Lamps, horn, wheels, parts and equipment, at half retail prices. Tires. SEND NO MONEY—Simply write today for big FREE Ranger Catalog and marvelous prices and terms.

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She is an awfully Noisy Baby. You can hear her all over the house. Sound just like a live baby. Wears a long white dress, and baby bonnet. We send her only eight packages of Post cards at 15 cents each. We trust you. Simply send your full name and address to JONES MFG. CO., DEPT 217, ATTLEBORO, MASS.

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FLOWERS. Great get acquainted offer—Send and 50 varieties of flower seeds, including the Greatest new red Aster "The Heart of France" also Cultural Guide, Flowers and vegetables.
Rose Side Gardens, Warwick, Pa.

QUESTIONS AND ANSWERS.

BEST TIME TO DIVIDE IRIS.

When shall I divide my Iris? I have had it quite a long time and I want to spread it out

more, and I think it will do better.—Mary Atkinson, Pennsylvania.

ANS.—Iris may be divided either spring or fall, whichever is more convenient for you. Here at LaPark our superintendent as a rule does all he possibly can in the fall, for one

MakesPulletsLay At 5 Months

Poultryman Wells, Minneapolis, Minn., writes: "I got my five-months-old pullets to lay after feeding MAYER'S LAYMORE." This is not all. His neighbor had 12 two-year-old hens that had stopped laying entirely. Mr. Wells bought the 12 hens, fed them with LAYMORE, and in exactly 11 days had them all laying regularly.

This wonderful laying tonic will start your pullets laying early and cause the hens to lay all winter. Every poultry raiser should have a good supply on hand. Results are absolutely guaranteed, or you get your money back.

Laymore

"MAKES THE LAZY HENS LAY"

SEND NO MONEY So many folks have wanted to buy LAYMORE in larger quantities than one or two packages that I have decided to give every poultry raiser in America a chance to try LAYMORE on their flock for an entire season at a ridiculously low price. This price is not good for next season, so you must order now. It is one of my ways of advertising, and every one should take advantage of my offer of five regular \$1 packages for only \$2. These packages contain more than 600 tablets. One tablet, dissolved in one quart of water, is enough for 12 hens for one day. Don't send any money now, unless you want to—just fill out the coupon below and then pay the postman when the goods arrive. I pay the parcel post charges and war tax. Remember this offer is good only for this season—so send your order immediately.

468 Eggs From 22 Pullets

"Have used LAYMORE, and never had so many eggs in winter. Have sold 468 eggs from 22 young pullets." So writes Mrs. C. H. Beauvier of Wellsboro, Pa., under date of January 10, 1920.

852 Eggs in January

"Last month," writes J. N. Lewis of Pipe Creek, Texas, "I sold 852 eggs, and before using LAYMORE only sold four or five dozen."

Order Now—Use the Coupon

MAYER'S HATCHERY

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514 Eggs in December

"I had some LAYMORE, and think it is the best of any kind of tonic that I have tried. I got 514 eggs in December, where I only got 60 eggs the year before." (Signed) H. C. GAUCK,

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Please send me 5 regular \$1.00 packages of LAYMORE, for which I agree to pay my postman \$2.00 on delivery.

Name

Town

State, R. F. D.



reason, because there is always so much to be done in the spring, which comes with such a rush. Seed of Iris should always be sown in September.—EDITOR.

ANTS DESTROYED SWEET PEAS?

A few years ago I tried Cupid Sweet Peas. They came up fine, but before they had time to bud the ants worked in the dirt around them and they finally died. I would like to try them again. What would you suggest to overcome this trouble?

Virginia, Ohio.

ANS.—The ants were after other insects. Use tobacco dust freely, and twine tobacco stalks in through the wire supports if you use poultry wire for your Peas. Once more let me emphasize the importance of getting your Peas in early, and in a trench so that the roots will shoot well down. Read the article in this Magazine signed by me.—EDITOR.

Mr. Editor: Will you please tell me the meaning of the floral term fl. pl., or flora-pleno? I see it so often in catalogues.—"Virginia," Ohio.

ANS.—Flora pleno, written in catalogues, etc., fl. pl., means, briefly, double flowering. Another expression is grandiflora, meaning large flowers; and still one more, nana, little, or dwarf; compacta; bushy; erecta, tall, straight up; majus, tall, great.

TRANSPLANTING MOUNTAIN LAUREL.

It has just occurred to me, that a little bit of an experience that I had with "Mountain Laurel" (*Kalmia latifolia*) might be of help to someone. In a certain town in Maine there is about a quarter of an acre of Mountain Laurel. People travel miles to see it when it is in bloom. Many small shrubs have been removed from it, but they all refuse to grow after being taken from their native soil.

In Dec. 1919 I went out on a hike to locate some Canada Lillies, by their dried seed-pods. My attention was attracted to a bunch of green leaves. Oh Joy! It was "Mountain Laurel." The next week I prepared a spot to receive my prize, as near like the situation it was to be taken from as it was possible to be. The ground was frozen, and it was the most difficult job of transplanting that I ever did. It was set out at the same depth that it grew, the dirt well tamped down, around its roots; then the dirt thrown over lightly; last, dead leaves strewn over that. At this writing, 1921, it is green, and has made good growth. I simply stumbled on to the secret of transplanting them. They want to be dormant, and staying in their new home all winter before the new growth began, the dirt had time to settle about their roots.

NOTE.—*Kalmia latifolia* is better known in some parts of the country as Calico-Bush, and Spoon-Wood.—EDITOR.

INCREASE YOUR GARDEN BY MAKING CUTTINGS.

Owing to our mild winter it is still time to take advantage of propagation by cuttings. Spires, Hydrangeas, and many, many others can be grown successfully by this method; also currants, grapes and gooseberries in the way of fruits. Secure cuttings immediately, of about 8 inches in length. Place 25 in a bunch and completely bury in a box of dry sawdust, or sand. Forget about them until spring, then, sometime in April, place in a trench of good, loose earth, leaving only two buds above ground.

When making cuttings take care to secure only new wood and cut close to the bottom bud, but leave an inch of wood above the top bud. When packing in the sawdust place the bundles with the top ends down. In the spring, on removal you will find many hairlike roots, and if care is used in trenching they will start growing immediately. Partial shade and not much water are important items.

J. N. Unternaher, R. D. 6, Newark, Ohio.

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ALL FREE



Sold gold plated lavaliere and chain. Fine gold filled bracelet, engraved with floral design. Beaded necklace, 16 inches long. Handsome gold plated ring. Tiffany setting. Latest style Blue Bird set, consisting of two diamond pins, a brooch, a four-piece gold plated lingerie set, and hand painted Persian ivory box pin set with 8 pins. All these articles are positively given free for sending only 25 packets of our Big Value Garden Seeds at 10c. per minnow net packet. Send us Money or wire us, you write for them.

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3 Glorious ROSES

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Ecarlate—Scarlet Ivory—White Columbia—Pink

5 Pkts. Flower Seeds

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Will also send 5 packets of Daisy Seed five colors for 25c. or with minnow above 3 Collections, the 3 Roses the 5 pkts. of Flower Seeds and the 5 pkts. of Daisy Seed all for 60c.

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All this Jewelry is made from solid gold & Boxes Menthol Nova Salve at 25c. Wonderful for catarrh, cuts, burns, etc. Order today. When sold return \$1.50 and all 6 Pieces are yours.

U. S. SUPPLY COMPANY, Dept. 379 Greenville, Pa.

4 Pounds Silk Bundles

Wonderful SILK and VELVET BARGAINS For Quilts, Fancy Work, Portiers, Etc. Send 10c. for catalog. Large beautiful silk remnants including free silk designs and agents' catalogues describing our 4-pound silk, velvet, shagreen, and other remnant bargain bundles; also instructions how to earn money at home by sewing.

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BUY BABYS STOCKINGS FROM MILL

3 PAIRS 50c. POSTPAID.

White, Pink, Blue, Tan and Black. Infants fine-ribbed Cotton Hose Size 4 to 6. Direct from factory. Save retail profits. Money back if not delighted.

Millheim Knitting Co. Millheim, Pa.



PARKER'S HAIR BALSAM

Removes Dandruff—Stops Hair Falling
Restores Color and
Beauty to Gray and Faded Hair
60c. and \$1.00 at Druggists.
Hiscox Chem. Wks. Patchogue, N. Y.

BULBS- 10 kinds Gladioli mailed for 10c. & names of 4 friends who grow flowers. Will include tree, bulb of the beautiful Mirabilis.

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PICK THEM OUT SCOTT'S

Tri-Color Collection of Red, White And Blue GLADIOLI.

American Beauty Red; This variety grows 3 to 4 feet high with strong erect spikes filled with hand-some well opened flowers the color of the American Beauty Rose.

Scott's White Giant; A free grower, Rich healthy foliage, large perfect spikes well filled with giant pure white blooms.

Baron Hulot Blue; This variety stands alone as a unique and beautiful shade and never fails to attract attention, producing long graceful spikes of good size flowers, color a rich indigo blue.

The above collection of three Bulbs 50 cents postpaid. 2 collections 6 Bulbs, 90 cents, or \$1.75 per doz.

Supply Limited, Order at once, Bulbs Sent by Return Mail.

**Grover C. Scott,
Lapark, Lancaster County, Pa.**



TUBEROUS BEGONIAS & GLOXINIAS



Few plants are better adapted to the decoration of the window garden or outdoor planting if given a partly shaded position in a light soil and well drained, than the Tuberous Begonia, starting to bloom in June and continuing to bloom until October, this constant and prolific bloomer will give more flowers than any other plant I know. A good collection will afford the lover of flowers a vast amount of pleasure with wonderfully rich and varied colors. The single blooms measure three or four inches across. The double ones resemble very double Camellias and are very large. The potting soil to have the best results should be one part leafmould one part garden loam, and one part sand, well mixed. The bulbs I offer are strictly selected stock of the highest quality.

Start your bulbs indoors in February if wanted for outdoor planting as the season of bloom will be much longer. Gloxinias should have the same soil and should be started and cared for the same as the Tuberous Begonias. Please note: I list Gloxinias in mixed colors only. These bulbs are scarce and grown only in this country. Let me have your order, you will not be disappointed.

Single Tuberous Begonias Scarlet Yellow, White Pink and Orange. Price 25c each, 6 for \$1.40 \$2.50 a doz.
Double Tuberous Begonias, Crimson, Rose and Mixed. Price 35c each, 3 for \$1. 6 for \$1.90 \$3.70 a doz
Gloxinias Mixed, 35c each, 6 for \$1.90, \$3.70 a doz. All sent postpaid.

GROVER C. SCOTT, Lapark, Lanc. Co. Pa.

QUESTIONS AND ANSWERS.

WANTS LARGER GLADIOLUS.

My Gladiolus are fine, lots better than many I pass on the way to town, and this makes me think that perhaps I can have even larger spikes of bigger flowers if I would ask the Editor if he could not tell me a few secrets.—Jane Swartz, Indiana.



GLADIOLUS

commercial fertilizer instead of taking any chances of the stable manure not being thoroughly rotted. If you do have an old hotbed or mushroom bed you can work it in the spring. Set your bulbs six inches deep, as this does away with any staking. Have them from six to eight inches apart, not farther, because they look better somewhat close together. When the flower buds begin to appear work around each plant half of a very small hand full of sheep manure, and you will notice the difference, believe me, in your flowers. Gladiolus are essentially a cut flower and not for garden display, so cut them when the first flower bud opens. Always buy named varieties. A number of our readers have suggested setting Gladiolus by colors, as has long been the custom with Tulips and Hyacinths. Certainly it is a pretty idea. By a proper selection of varieties, starting planting in March and extending it over into June, you will have flowers from June until frost.—EDITOR.

TRANSPLANTING PERENNIAL POPPIES.

Years ago I bought some Oriental Poppy Seed at La Park and the flowers have been a very great source of pleasure to all the family. But now I want to spread them out a little. Must I get new seed or can I transplant what I have? Eva Huntington, Ohio.

ANS.—Perennial Poppies must be transplanted in the fall. It is almost sure death to try moving them in spring after the least life has started. In the fall they can be moved without danger, and any broken roots can be set in and they, too, will bloom the next spring. So many people seem not to understand that Perennial Poppies can be used as cut flowers, and that keeping them cut and free from seed pods prolongs the blooming season. Allowing any plant to run to seed means a weakening of the bloom producing elements in that plant. Hence the desirability of keeping the flowers cut.—EDITOR.

ROOT LICE ATTACK ASTERS.

Last season I had what was to me a new trouble with my Asters. Investigating, I found them attacked at the roots with a sort of lice. What shall I do for it this coming spring?—Elizabeth Small, N. C.

ANS.—When you set out your Asters drop in around the roots of each plant a teaspoonful of Tobacco dust and that will take care of the condition nicely. Should you overlook, or neglect, to do this, and your plants are afterward attacked, make a strong Tobacco water and water your plants thoroughly right around the stakes.—EDITOR.

ANS.—The real secret of

having the tallest spikes, best filled with the largest flowers, is in fertilization. The soil should be prepared the fall before you plant; give it plenty of manure, but it must be thoroughly rotted. The remains of an old hotbed, or a mushroom bed, are fine. If you can not get any of that use sheep manure. Dig it in the soil thoroughly and mix it up; never let the manure come into direct contact with the bulb. If you did not prepare your bed last fall, this spring use sheep manure or other commer-

cial fertilizer instead of taking any chances of

the stable manure not being thoroughly rotted. If you do have an old hotbed or mushroom bed you can work it in the spring. Set your bulbs six inches deep, as this does away with any staking. Have them from six to eight inches apart, not farther, because they look better somewhat close together. When the flower buds begin to appear work around each plant half of a very small hand full of sheep manure, and you will notice the difference, believe me, in your flowers. Gladiolus are essentially a cut flower and not for garden display, so cut them when the first flower bud opens. Always buy named varieties. A number of our readers have suggested setting Gladiolus by colors, as has long been the custom with Tulips and Hyacinths. Certainly it is a pretty idea. By a proper selection of varieties, starting planting in March and extending it over into June, you will have flowers from June until frost.—EDITOR.

A WOMAN FLORIST

3 Hardy Roses 25^c

On their own roots

ALL WILL BLOOM THIS SUMMER

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GEM ROSE COLLECTION

Mr. Chas. Bell—shell pink

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3 Carnations the "Divine Flower," all colors, 25c

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Describes busy Poultry Farm and handling 53 pure-bred
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their back yards, spare time.
We furnish stock and pay \$3.50
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QUESTIONS AND ANSWERS.

HOW LONG TO LET A PANSY BED STAND.

We are famous around here for Pansies and I am proud of mine, but I have a feeling that I can do even better with them, and "beat out" my neighbors if I ask your advice. Does it really pay to let a bed run more than one year?

—Anna Fielding, New York.

ANS.—We grow many thousands of Pansy plants at Lapark, not only for plants but for seed, in a persistent endeavor to "beat our neighbors," and we never allow a bed to bloom but one year. Pansies are not perennial. After the Pansies have finished, say in June, dig them up and throw them away, and use your bed for something else. For new plants sow the seed in July, or August, and have new, vigorous plants for next season's blooming. Of course you know that picking off the seed pods prolongs the blooming season very considerably. I might remind you of a mistake that a great many Pansy growers make—have your bed in the full sun and not in the shade; shade makes spindly plants whereas the true nature of the Pansy is to be sturdy and bushy.—EDITOR.

(Continued from page 37)

led with flowers of a pleasing mauve tint, with a dark center showing up the prevailing shade most effectively. Sow the seed in the house, or cold frame, in February or March, transplanting the seedlings to their flowering quarters, eight to nine inches apart, when the weather is suitable. Or, the seed may be sown outdoors where the plants are to bloom, about the same time as you sow other Annuals. They make very pretty edgings as well as an attractive massed bed, covered as they are all summer long with color. Nothing excels "Summer Beauty" as a pot plant for winter blooming, from seeds started in August, the plants grown on until large enough for a four inch pot. They will flower all winter bringing brightness and cheer to the home.

Our illustration is from an actual photograph sent to the writer by the introducer in England, who wrote he was interested that readers of the Floral Magazine might see what an exquisite plant he had produced. I have never seen such a wealth of bloom on an individual plant.

—J. B. S.

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Any form quickly conquered. No long waiting for results. Costs \$1 if it cures. Perfectly harmless. Full treatment sent on approval.

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I have an honest, proven remedy for goitre (big neck). It checks the growth at once, reduces the enlargement, stops pain and distress and relieves in a little while. Pay when well. Tell your friends about this. Write me at once. DR. ROCK,
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CANCER Treated at home. No Pain, knif- plaster or oils. Send for free treat- ise.

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ASTHMA TREATMENT sent you on Free Trial if it cures, send \$1.00; if not it's FREE. Give express office. Write for your treatment today. W. K. Sterling, 881 Ohio Ave., Sidney, Ohio.

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Don't Send a Penny! Write Today!

You can have the biggest, best and most wonderful collection of seeds without a cent of cost. If you have a garden send for these 21 large packets of the best seeds that grow. Enough for a family garden—grow bushels of delicious vegetables and armfuls of exquisite flowers—all yours free without a penny of cost. This astonishing offer is made to advertise our business. Be first to get this matchless big Free Seed Offer.

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prepaid on approval. No money in advance. No C. O. D. So simple and easy is our plan that we send the seeds in advance and tell you how you can earn them in just a few minutes. Examine the seeds in your home, spread them out on your table, and if you are more than pleased, accept our wonderful offer; if not return them at our expense. You be the judge. **This is perhaps the most liberal offer ever made and we have but one collection for a family.** Don't delay; quick is the word if you want to share in this startling free offer. Send for yours today—right now—at once—a postal will do.

M. F. HAYES, 550 N. La Salle Street, Dept. N., CHICAGO, ILL.

For a Complete Vegetable and Flower Garden for Your Family

21 FULL SIZE PACKETS FREE

These seeds are pure, fresh and warranted to grow. They are improved strains and wonderful new varieties. They are not for sale—I have one collection for each family reading this paper. See what you get: Beets, Cabbage, Carrots, Cucumbers, Lettuce, Cantaloupes, Watermelons, Onions, Parsnips, Pumpkins, Radishes, Spinach, Tomatoes, Turnips—and Flower seeds for a whole Flower Garden.

FERNs.

How to Pot, Water and Fertilize Them.

I AM always glad of any information about growing flowers and think the help we receive from our Editor is just fine. As I am often asked what I do to my Ferns to make them grow so nice, will pass along these few hints which may help someone else.

When potting Ferns, if possible secure fresh soil from the woods, around old rotten logs, or rocks, where leaves have piled up and rotted. This leaf mold, mixed with good garden soil, makes an ideal soil for the growth of Ferns. While Ferns need a good bit of water never keep the earth in which they grow soggy wet, and during the winter months it is a good plan to water rather sparingly. A good way to judge if the plant needs water is to plunge your finger into the soil, and if it seems dry, water the plant. Never

let the plant dry out. When you water your Fern do not merely wet the top of the soil, but pour enough around it until the water seeps through the pot.

If the leaves turn brown and begin to die look out for worms around the roots. A good remedy for this pest is to submerge the pot in water at least one or two inches over the top, in a tub, or large basin. Let stand in the water over night, and in the morning you will find that the worms are drowned out and have crawled out of the pot. I have sometimes found a large handful of worms in the tub of water. This soaking does not injure the Fern in the least.

Now for fertilizer. Nature's way is to let insects die near the roots; maybe a bird or some form of animal life. Never does she use manure or commercial fertilizers. The best way for us to imitate nature is to save the water in which we wash our fresh roast or chicken for dinner and apply this. Sometimes a small piece of lean meat buried near the roots is good. Be sure there is no salt in the meat as this would kill your Fern.

Mrs. W. B. Smith, Wayne, W. Va.

FLORAL FRIEND'S CORNER.

Dear Floral Friends: Oh! No! Every one keep your seat, drink your tea, coffee, milk, or even clear, cold water, just as before, I haven't time to tarry long; was just passing and long to tell you about my Paper White Narcissus, which is in a tomato can and has twelve beautiful white star-shaped flowers on one stem, and such a sweet perfume, so others say, having lost my sense of smell some seventeen years ago, am deprived of smelling things. Oh! but mine eyes can see the beautiful flowers. And next Christmas will find more than one plant "blooming in my window" of the Narcissus family.

What were you saying, Poppy? Yes, yes, I dined away from home yesterday. What a grand, good time with the Rev. and family, only one thing lacking to be a perfect day. Could any of you guess? Flowers, not a single bloom. And how badly I felt at not having taken some along. But never mind, there will come a time. "She, the Rev.'s good wife," just loves flowers but, alas, she not being able to care for them in cold weather had to give them up. So all of you try to remember someone next Christmas with a living plant. Now I must hurry along. Best New Year wishes to all.

Chrysanthemum.



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FLORAL FRIEND'S CORNER.

Where, I would like to know, is Arbutus? My sacrifice in eschewing the name of that adorable field flower seems to have been made in vain, for no one has come forward to claim it and somehow I feel defrauded.

Several months ago I read a very delightful garden book, in which the author states that many flower lovers have flower antipathies and admits that she has hers. Well, I have mine, and now I expect a storm of protest, for my particular aversion in the Floral Kingdom is a flower which is a great favorite with many—the Nasturtium. Kinuukinic.

A Pennsylvania Pansy Bed.—This dark, grey, January day I have been planning for the garden of the coming season. This is the month in Central Pennsylvania to prepare for a Pansy bed. Buy the best Pansy seed mixture from a reliable florist; sow in a light, rich loam, in small boxes; cover with sand, water well, place box in a sunny situation and you will soon see the tiny seed leaves appear. When the baby plants have developed several second leaves, transplant, three or four inches apart, into other boxes of rich loam, or to a hot-bed. Transplanting several times is very beneficial as it results in larger flowers. Some bright, moist April day transplant to the final bed, a partly shaded spot, of deep, rich soil composed of rich garden earth, with lots of old cow manure worked in; no stones and well raked, and you will have a good prospect for large Pansies. Cow manure is cooler than other kinds of stable compost and also holds the moisture better.

Set the little Pansy plants seven or eight inches apart in this bed and you will have a beauty spot for months to come. If worms attack the plants, by destroying the roots, apply Pyrox liberally with a watering can. With a protection of garden litter, evergreen boughs, or forest leaves the Pansy plants may be induced to bloom a second season. One should always be generous with the Pansy flowers as they should be plucked several times a week to secure more buds. Hoping you may all be successful and enjoy a Pansy bed as much as I do, I say farewell. Dandelion.

NOTE.—Please "Dandelion," place your bed in the full sun this year; it beats "partial shade" for vigorous plants and large Pansies. The Pansy is a sun flower, not for the shade.—EDITOR.

Here I am, Sister "Azalea." "Beg your pardon," "Marguerite," I'm down on my knees to you, but you see, we westerners say many things that would shock you down home folks. About the blue Hydrangeas. No, dear, they were not made of paper; neither were they dyed, and, as to soil, we have as many kinds as we have variety in climate. A blue Hydrangea grows on one side of a street I have in mind and a pink one on the other side. A little farther on is a white one. And as for soil making the difference in color, I confess I do not know, but you might ask Antoine Soars, he is "data" on California flowers—kinds and colors. Join the circle Antoine and give us some information. S-s-h-h-h! Listen Girls, I'll tell you a secret, if you promise not to tell. Antoine Soars has invited me to see his dream garden. Now who wants to go with me? But don't ever tell him I told you. "Irish Rose" your poem is fine. Thanks to you all for my birthday cards; they were beautiful. Soon I shall send you a snapshot of myself in return. I hope our Editor is well by this time; it is so nice of him to give us this great, big corner, to come and drink tea together and chat. I think we should tender him a vote of thanks. What do you say, Pres. "Azalea"? Dear Floral Friends, bye-bye. Thank you, Mr. Editor. Cal. Holly.

NOTE.—The Editor is still quite ill, but his physician believes he will be about again for April number.—PUBLISHER.

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FLORAL FRIEND'S CORNER.

Dear Floral Friends: "So it is always cheerful weather when our Floral Friends get together," even on paper. A goodly lot they are and Azalea voices my sentiments when she refers to childhood's days on a farm. A dear old garden at home with father and mother, both lovers of flowers, and the great outdoors, with the old pastures and woods, with so many treasures "to have and to hold." Then the city, with everything beautiful in the gardens, but how many times have I longed for a walk in those same dear old places. There are many old-fashioned flowers in my garden and will be, for each one has its story to tell me. I have succeeded in transplanting the Wood, or Canadian Lily, and I think I saved one of the seed pods. I did have some of the Birds Foot Violets, or Parsley Violets, but they only stayed a year or so, and now the place where I got them, well, a house and stable has been built and my treasure ground is all dug over. What a beautiful sight one wood road used to be in May, such a beautiful blue carpet. Some of the Anemones were in one part of the yard where my garden is now, but they died. But this last spring, in another part, I found two roots of the Rue Anemone, then I remembered that I had found one plant with roots when they brought my wild flowers for my Memorial Day bouquets. Some shrubs of the Hamamelis were on one side, and this year their blossoms were such a beautiful, clear yellow, and they were so sweet. Not many noticed them, as some were in a vacant lot, but more than one bit of them found a place in the late bouquet I made. What a wonderful fall for our flowers, and Jack Frost was really kind, for although I expected him he only treated me to come. It was October 20 when he did come. How the Pom Pom Dahlias did blossom, and they had to have a good hard pinch to give up. 1920 gave me dear blossoms, I loved them and perhaps some that I gave them to their hearts were a bit lighter, for them. Surely this old Massachusetts Dandelion was. No milk or cream in my tea, please, but a wee bit of sugar.

Dandelion among the Flowers.

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FLORAL FRIEND'S CORNER.

Dear Floral Friends: How nice it is to drop in for a little chat in our own cosy corner! And right away I must tell you how pleased I am with the picture of Chrysanthemums received from the Editor of our magazine. I sent it at once to be framed, and now it hangs above my desk resplendent in its neat gold frame. It makes one forget the snow, and the storms raging outside, when every window is filled with thrifty plants in bloom, and pictured flowers upon the walls delight the eyes and lead the thoughts past winter's cold to the coming summer time. Winter is such a fine time for looking over floral catalogs, deciding which new flowers to try, which bulbs to buy, what new shrub or tree we can possibly find room for—like Oliver Twist the flower lover always wants "more."

When selecting the flowers you intend to grow, be sure that you have plenty that are good for cutting, so that you never lack flowers to give away. That is a pleasure the poor may have as well as the rich. I know a lady who has beautiful flowers throughout spacious grounds, with a gardener to give them his entire attention, yet she never gives a neighbor a bouquet, or plucks you a blossom as you walk along the paths. In the same town lives a young lady who is employed in a city nearby; yet night and morning she works among her flowers, certain beds of which are set aside for gifts to the city hospitals. Three times each week after riding home from work on the street car, she cuts a basket full of beautiful flowers and takes them back to the city to the sick and helpless in the hospitals. Is she not really richer in heart and mind than the poor, rich woman with her hoarded blossoms?

I do not remember that any of the Floral Corner have announced themselves as proud citizens of New York, the Empire State, but I am proud to dwell among her historic hills.

With greetings to the flowers of all,
Valerian.

NOTE.—Could flower growers realize a little bit the joy it is to inmates of Hospitals, Old Ladies' Homes, Orphan Asylums, and even the Insane Asylums, to receive a gift of flowers I am sure our garden would always contain "gift beds" as described by "Valerian of the Empire State." Pain is forgotten when the heart is full of admiration and love for even a tiny bunch of garden Annuals, and thoughts of the donor. Tired nurses and anxious physicians enjoy them too. Try the "gift garden" idea this spring.—EDITOR.

POPPY IS WARMING UP.

Attention! Poppy has the floor. I suggest that a fine New Year's resolution is, "Avoid procrastination." "Sunflower," I think the trouble with your Perennial Phlox arises from poverty of soil. If the plants have remained in one place for a long time they should be transplanted, or else a quantity of fertilizer should be worked into the soil around their roots. Many plants have been named as fine to grow in shady places, but I have a corner shaded by a pine tree, in which no blooming plant will grow, so I planted Burdocks, and the result was startling. Of course, seed was not allowed to form, and a Burdock under cultivation puts forth immense leaves which have a tropical appearance and form a perfect ground-cover. "Kinnikinnick," you "down homers" who stand in the front-line trench blowing your golden trumpets should recall the fact that we Westerners are forging ahead under full steam and modestly consuming our own smoke. "Linear Borealis": What do you look like? I never have "met up" with any of your family. "Catinip": You revived me, when, as an infant, I had lost my "bounce," and I am fond of you. Keep the garden gate open Azalea; I mean to come again.

Poppy.

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FLORAGRAMS.

Plant in Rectangular Beds on the Farm.

While Perennials are most effective when placed carefully with relation to shrubbery or other objects, this is not always practicable on the farm, where every plant must be protected from chickens and occasional stray animals. For the woman who has little time to spare, the rectangular bed with the perennials in cross-wise rows at least two feet apart,—three feet if plants are large and space is sufficient,—will give much satisfaction. Such a bed is easily protected by a poultry fence, can be more readily supplied with water than scattered plants, and, as a hoe can be used between the rows, but little hand weeding is required. If each row is of plants of the same variety, the effect is pleasing.

Rooting Shoots.

If you find a shrub, or a stout plant, that you like, surrounded by smaller shoots, as is often the case with Roses, Lilacs, and woodland shrubs, but have no implement at hand with which to lift the plant, a simple experiment is worth trying. Just pull up some of the shoots, choosing those not more than three inches tall, if possible, and being careful to get a portion of the stem that was below the ground. There is a fair chance that these will form roots if placed in water and treated like cuttings of house plants. Sedums and hardy Roses root easily in this way.

WOOD ASHES FOR PAEONIES.

February not only finds me preparing an early lettuce bed, but also I dig around Peonies, then put wood ashes all around, mixed well with freshly dug earth, yet not too near the centre of row where the buds will later on shoot up.

Encourage Ants on Paeonies.

How many floral friends find ants all over the Peony buds, and try everything heard of to get rid of the supposed enemy. Not so; encourage the ants as I did, and you will find nicer blooms.

The Taft Rose.

We have the Taft Rose, which is a monthly bloomer, and husband has half dozen cuttings growing under fruit jars, all doing nicely. And everyone I put in the ground dies. Who can explain why?

How many of your Wisteria vines produce seed pods? Mine does. And our red Trumpet Honeysuckle I notice blooming in January. My Geraniums are all in an old granite dish pan, waiting to be set out in open ground early as can be done so as not to loose by frost. Sow Pansy seed now soon, in shallow vessels, cover by pressing in dirt, then place damp cloth over dirt, keep damp until plants appear. After removing cloth, when plants need water, set vessel in water so as to get moist from below.

Effa M. Wilson, Missouri.

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WANDERING JEW CARPET FOR A SHADY CORNER.

Dear Floral Sisters: I introduced myself not long ago to your garden party but as yet have not been received, but perhaps I shall be in the next number of our little Magazine, or before this letter reaches you, that is, if my lines do not have to be doctored too much by the Editor. But as our Editor is ill, and Mr. Fisher has asked us to help him some I am coming again. So now, Dear Sisters, North, South, East and West, Listen! At last I have found one thing that is really and truly a plant that will grow in the shade; thrifty and luxuriant, without looking sick. Last spring I had a lot of Wandering Jew that I had wintered over, and I cut it all up in little pieces, four or five inches long, put them into a crock of water, and let them stay there until they were well rooted, which did not take but a few days. Meantime, I built me a box, about a yard square, of bricks that were lying around, started it on the ground and built it up just like a mason would build a chimney, until it was four bricks high, without the cement of course, the cracks between the brick making excellent drainage. Then I filled this box with rich, garden soil, some pulverized stable manure, some leaf mold and a good portion of coarse sand, and into it I set the well rooted Wandering Jew, silver and brown striped, thick all over the box, about four inches apart, with an old root of deep, red foliage plant in the center. This, mind you, was made in a shady corner by the house, which was also made more shady by many large trees. But it soon covered the brick box completely up, that I was so proud of, and trailed off over the ground in a perfect mass. I never saw or expected to ever see so much Wandering Jew in one spot. Might as well have had any old dry goods box, for it was hidden entirely. And let me tell you, Sisters, it took all the "elbow grease" I had to carry those bricks, but, any way I have my box still there for future years, so I'm sure it paid.

Now "Pine Cone" and "Tassel" you needn't be staring so hard at that clock. I know it's time to go home, and as Nebraska is several miles away, I may as well be trundling along in my little "Tin Lizzie," so goodbye all.

Wild Aster of Nebraska.

HOME-MADE FLORAL ENCYCLOPEDIA.

Dear Corner Friends: Perhaps you would be interested in my home-made encyclopedia, which, like all else floral, grows, or at least is planted in hope.

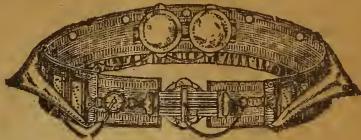
I use a loose-leaf notebook, as this saves the bother of indexing, besides being satisfactorily expansive. On the first page devoted to a flower is its picture, if this can be obtained; below comes a description of the plant, with its history,—for which an encyclopedia is consulted,—and a list of its various varieties, easily found in the different catalogues. The next page contains cultural directions, and other items of interest, for which we turn to the little Magazine, and an occasional article in other publications. Another leaf is reserved for legends and quotations relating to the plant,—these being seldom hard to find.

As the nearest encyclopedia available is six miles away, and the writer's time for recreation is limited, the work is not yet a compendium of all floral knowledge; but its making is an interesting pastime, as well as one which may prove useful. I have a herbarium for Wild Flowers, but one who has not might include them with the cultivated species,—some of these, like the Iris, the Lily, and the Violet, having country cousins of which they need not be ashamed.

Bell Heather, Michigan.

NOTE.—What a fine idea! Of course I have almost all the back years of the Magazine bound and they are an invaluable encyclopedia themselves, but I shall start a "Home-made" book at once, and one of these days perhaps we can have it published.—EDITOR.

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Dear Floral Friends: Pretty hard to 'tend tea parties nowadays when there are butchering parties "twixt" your home and tea garden. But what a change out of grease into soil tending flowers galore. Say: you sister from Arizona, or am I off? Any ways, want to say, have tasted the candy from Arizona, made from Cactus; was good. I have three plants growing up together, all three in a salmon can. One red and green foliage, other two are pink Sultans. Please do not ask me what those piles of clay dirt in my yard are for; just wait until they are covered with pretty nasturtiums, and rock roses, next summer. Then when you pass in your autos; say, "Oh! look yonder, isn't that a great sight?" Am also planning on a large Petuna bed. My birthday comes March 10th, and am preparing my Amaryllis to be in bloom by that time. Here is hoping our Editor, will soon be well again and at his desk; it is pretty hard to stay indoors these beautiful days. At least 'tis nice days here in the Ozarks.

Chrysanthemum.

QUESTIONS AND ANSWERS.**WHEN TO PRUNE FORSYTHIA AND SPIREA.**

I have quite a little shrubbery and I am sure it needs pruning. Please tell me when it ought to be done.—Mr. Alfred Porter, Delaware.

ANS.—Keep in mind that as a rule the wood that gives the bloom in spring was formed during the preceding summer, and, therefore, shrubbery that blooms in the spring should be pruned when it is finished blooming, and varieties that bloom in the fall should be pruned the following spring. So many people do all their pruning in the early spring, when they are cleaning up things, and, as a consequence, lose a year's bloom on nearly everything. Watch your Forsythia and Spirea, and after the bloom has died off do your pruning, and they will be more beautiful than ever the following spring.—EDITOR.

MY GLADIOLUS ARE FROZEN.

I had such a fine lot of Gladiolus and I thought I had taken proper care of them, but they are all frozen. Will they be all right to plant in the spring? I do hope so because I love my flowers so much.—Mrs. L. A., Michigan.

ANS.—I am sorry, but Gladiolus are finished when frozen, and you will have to throw them away. It is a fact that some winters, some varieties of Gladiolus have wintered in the ground and bloomed the following spring, but it is not very often. Gladiolus must be taken up in the fall before the ground is frozen to the depth of the bulb, dried off and kept in a cool, dry place without danger of freezing. I have a garden that was once planted in Gladiolus seed bulblets. All that could be found were dug up in the fall of 1918, but an odd flower appeared here and there in the springs of 1919 and 1920.—EDITOR.

POINSETTIA LOST ITS LEAVES.

Is my Poinsettia dead? It was a Christmas present from a dear friend and as I was out when the messenger called it was left on the porch. It was cold, but I am sure it was not frozen because it was well wrapped in paper. I brought it in the house and there isn't a thing left but one leaf and the stalk. I am so afraid it is dead.—Mrs. B., New York.

ANS.—Cheer up! it is not dead, but was forced by the Florist to be in bloom for Christmas and the chill it took waiting on your doorstep caused the leaves to fall off. Give it a little water and put it out of the sun, a month later lay the pot on its side until the weather is warm outdoors, and then plunge pot and all in the garden. About the end of September bring it in the house, water, and it will start to grow and will bloom for Christmas.—EDITOR.

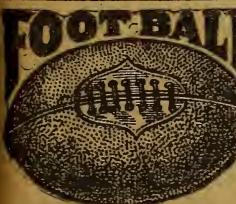
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